The Army Distance Learning Program

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The Army Distance Learning Program

DL Briefing to RC General Officer Conference
16 August 2001

United States Army Training & Doctrine Command
Office of the Deputy Chief of Staff for Training
FT Monroe, Virginia

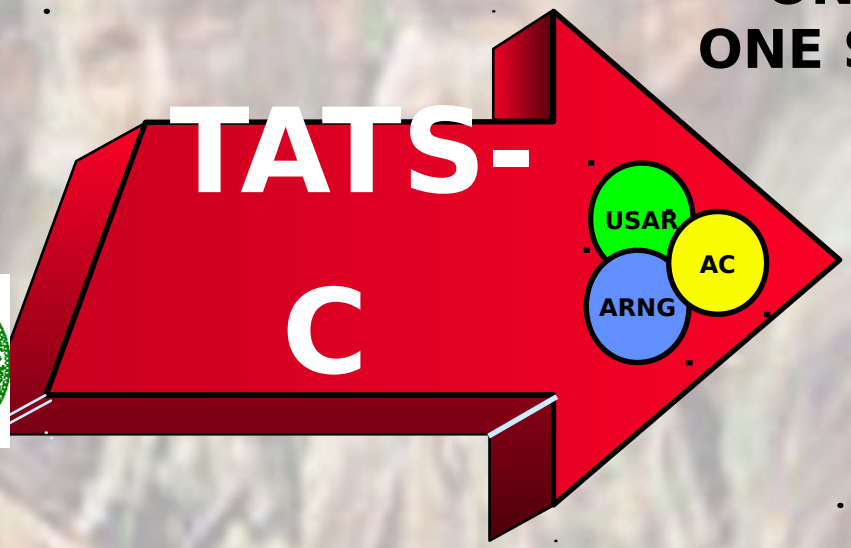
THE ARMY TADLP Distance Learning Program

Topics

- TATS-C Update
- General Officer Steering Committee- DL
- TADLP Overview/ Background
- Courseware Overview
- Deployable Training Overview
- Digital Training Facilities (DTF)
- Summary/ Way Ahead

The Army Distance Learning Program

The Army Training System Courses



ONE ARMY
ONE STANDARD

"The course ensures standardization by training all soldiers (regardless of component) on course critical tasks to task performance standard."

The Army Distance Learning Program

Course Conversion

Digital-Paper Products Students go to Instructor

DL PL

DL Course

POI: All Critical Tasks

TATS COURSE

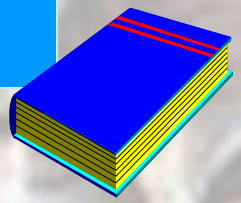
Digital Delivery of Instruction Instructor goes to Students Students go to Digital Library

POI: Select Critical Tasks

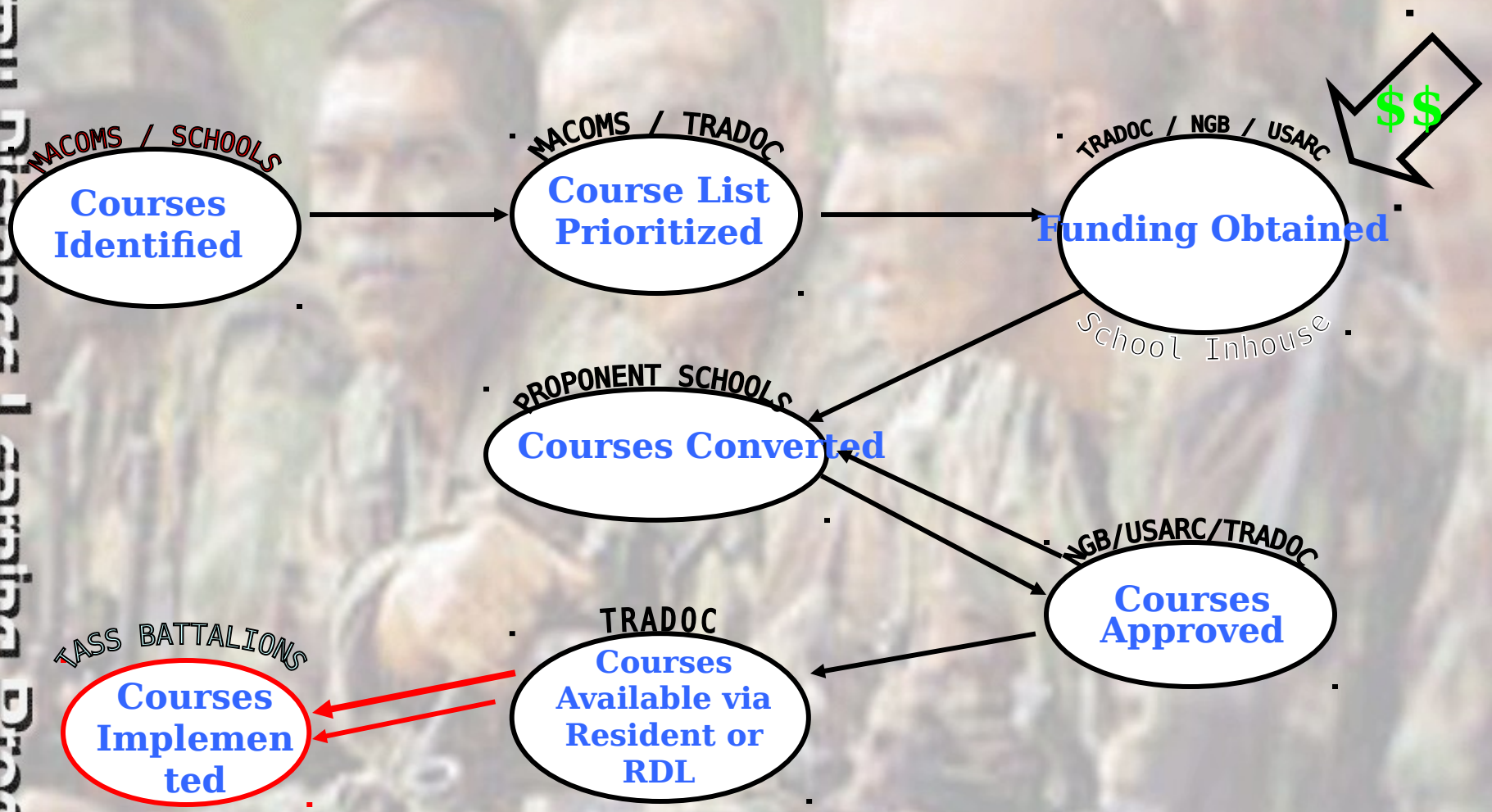
DO NOT NEED A DL CLASSROOM TO EXECUTE TATS-C MATERIALS

DL PL

RC3



TATS Course Development Process



The Army Distance Learning Program

TATS-C Status By Proponent

School	**Total Courses**	**Proponent School** Analysis/ Redesign Completed	**Proponent School** Crs Development Completion	**Proponent School** TATS POIs Concurred/ Endorsed by NGB/USARC/	**Proponent School Courses Available** ATSC, Local DTAC or
Air Defense Artillery	18	18	18	18	18
Adjutant General	14	14	14	13	13
ALMC	1	1	0	0	0
AMEDDC&S	53	53	53	53	53
Armor	12	12	12	8	7
Aviation Logistics	25	25	25	13	13
Aviation	12	12	12	2	2
CGSC	2	2	2	2	2
Chaplain	4	4	4	1	1
Chemical	6	6	6	2	2
Engineer	24	24	23	22	22
Field Artillery	33	33	31	31	31
Finance	5	5	5	4	4
Infantry	27	27	19	15	15
JAG	3	3	3	0	0
JFSWC (ALL RESIDENT TRNG CRSs)	17	17	17	17	17
**Military Intelligence (1 Crs Dropped)	25	25	25	24	24
Military Police	7	6	5	5	5
Ordnance	36	36	36	34	34
OMMCS **(NOW 12 vice Original 20. ANCOC/BNCOC CONSOLIDATION)	12	12	12	12	12
Quartermaster	26	26	23	21	21
Signal	24	24	22	8	7
Sergeants Major Academy	4	3	2	2	2
Transportation	23	23	23	20	20
HQ TRADOC	5	5	5	5	5
TOTAL	**418**	**416**	**397**	**332**	**330**

http://www-dcst.monroe.army.mil/tdaa/TATS/TATS_Rollup.htm

The Army Distance Learning Program

ADRS Requirements

The Army Distance Learning Program

High 11 MOS

Gets 85% of Requirement

ENLISTED

MOS	QTY	COMPLETED TATS-C
88M	2682	✔On RDL
54B	876	Loading into RDL
77F	722	✔On RDL
92A	316	✔On Hold
95B	298	✔On RDL
63S	179	✔On RDL
63B	158	✔On RDL
52D	119	✔On RDL
71L	85	✔On RDL
92R	85	QM Schoolhouse Only
92Y	54	✔On RDL

NCO

MOS	QTY	COMPLETED TATS-C
88M	588	✔ On RDL
54B		Loading into RDL
77F	248	✔ On RDL
92A	98	✔On Hold
95B	66	✔On RDL
63S	79	✔Consolidated with 63B30 (ON RDL)
63B	37	✔On RDL
52D	88	✔On RDL
71L	17	✔On RDL
92R	11	QM Schoolhouse Only
92Y	12	Loading into RDL
	22	

Tng Strategy - Reclassification of Soldiers at 10 Level at TASS

Tng Strategy SFC-SGM - ANCOC Tech Phas

TATS-C Status

418 COURSE REQUIREMENTS[2]

ANALYSIS & REDESIGN COMPLETED

COURSES UNDERGOING ANALYSIS AND REDESIGN

FY 01
1 (MP)
1 (SMA)

397

TATS- C DEVELOPMENT COMPLETED

19

FY 01 TATS-C DEVELOPMENT ONGOING

330

TATS-C AVAILABLE

67

COURSES UNDER COORDINATION/REVIEW

(2) NGB

(1) USARC

(15) TRADOC

(49) Proponent School

The Army Distance Learning Program

Remaining Issues

- **Complete Remaining TATS-C Requirements**
  - **46 courses now targeted for FY 02 completion.**
  - **DCST continues to push proponents to complete requirements.**
  - **On Installation Resource Contract.**
- **Staffing with USARC/NGB**
  - **Proponents would like to reduce staffing times.**
  - **ADSCT has recommended to USARC/NGB to reduce staffing times for CADs to 30 days and POIs to 90 days.**
- **Implementing TATS-C in TASS Battalions**
  - **Proponents/RC community need to work together to implement courses.**
  - **RC Community needs to start planning, programming and budgeting to begin teaching courses available in TASS Battalions in this TY.**

The Army Distance Learning Program

TATS-C Summary

- **Need proponent schools to complete all remaining requirements**
- **Need USARC/NGB to strongly consider approving remaining CADs in 30 days and POIs in 90 days**
- **Require team approach to reach TATS-C completion objective and resolve any remaining issues**
- **TATS-C data on the Web:**

  - COURSE MATERIALS - http://www.Adtdl.Army.Mil/atdls.Htm

  - MONTHLY ROLL-UP DATA -http://www-dcst.Monroe.Army.Mil/tdaa/

GOSC-DL Charter

GOSC Charter

MEMBERSHIP

ODCSOPS, DISC4, DASA (MPP), DASA (FM&C), ODCSPER, ODCSPRO (PAED), TAG, ARNG, OCAR, PERSCOM, TRADOC, OTHERS AS NEEDED

SUB-COMMITTEES

READINESS, CONTENT, TECHNOLOGY, RESOURCES

2.b PURPOSE

"…provide advice and recommendations on all Army

distance learning programs and initiatives to the

senior Army leadership…assure the Army's

investment in distance learning provides the intended

impact on force readiness and well being…."

Key Programs

- The Army Distance Learning Program (TRADOC)
- Distributive Training Technology Project (NGB)
- Army Continuing Education System-DL(TAG)
- Army University Access Online (ASA, TAG)
- Computer Based Training (DISC4, TRADOC)
- Reserve Education And Learning (OCAR)
- Army War College Distance Education Program (AWC, TRADOC)

"For the purpose of the DLGOSC the term distance learning encompasses all references to distance/distributed/online learning, training, education, or performance aiding programs or initiatives."

---GOSC Charter (para 2.c)

GOSC Near Term Focus

- Develop strategy in support of army transformation.
- Identify intermediate and objective states for army distance learning.
- Conduct technology assessment for future application---2005 and beyond.
- Identify and leverage complementary linkages between existing programs.
- Sell the product! To the army, to congress.

TADLP Overview/ Background/ Strategies

Army Distance Learning

The Army Distance Learning Program

"To improve readiness by the delivery of standardized individual, collective, and self-development training to soldiers and units any time and any place through the application of multiple means and technol

1996

2010

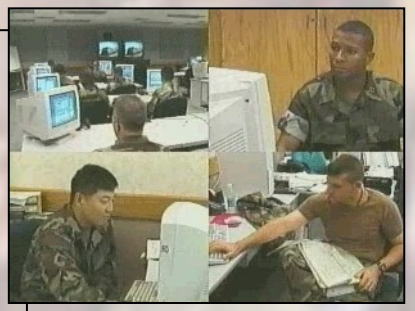
Current Emphasis

- Army Division Redesign Study (ADRS) MOSQ/ NCOES Courses
  - ILE Common Core
  - OPMS XXI Functional Qualification Course
  - AOL-BCC Branch Technical Phases
- Non-Commissioned Officer Education System (NCOES) and Skill Level 10 Reclass
  - AIT's over 20 weeks
- Continue to Improve MOSQ
- Assist AC/RC With Better Access
- Reduce Total Time in Schoolhouse
- Provide Access within 50 Miles to All AC/RC
  - Functional Area Training (i.e. Battle Staff NCO Course)

The Army Distance Learning Program

Future Strategy

- High/Low Technology Mix
- Digital Training Facilities:
  - Simulations and media rich courseware is easily delivered to DTF (high bandwidth)
  - Proctored testing
  - Guaranteed access to those soldiers without computers
  - Easier security control (firewalls)
  - Desk top VTT (better group-instructor collaboration)
- Home & Work Computers (Internet)
  - Compressing courseware for low bandwidth delivery at home or work
  - Easier, more convenient access



DL Vision

IMPROVED ACCESS AND OPPORTUNITY
INCREASED ACCESS AT PLACE OF DUTY
LIFE LONG LEARNING
GREATER STABILITY FOR FAMILIES
PROVIDE TRAINING ANY TIME AND ANY PLACE
GLOBAL REACH
REDUCED COST PER TRAINED SOLDIER
JUST IN TIME REACH BACK CAPABILITY
INCREASED EFFECTIVENESS IN TRAINING AND EDUCATION
INCREASED READINESS

Deliver High Quality, Individually Tailored, And Cost Effective Training And Education To Soldiers And Leaders Anywhere, Anytime Through An Integrated Network Of Technological Capabilities And Processes

The Army Distance Learning Program

How We Support Institutional Transformation & Leader Development

Current:
Officers attend courses in residence at proponent schools every 2-4 years for periods ranging from 2-40 weeks. Strategy is to prepare officers for future assignments.

Future:
Officer training will be constant throughout their careers but in resident training time will be the same or less due to the employment of Distance Learning and Distance Learning Technologies. Officer training will encompass a "Lifelong Learning" strategy.

Resident Training Emphasis on "Experiential" Learning

"Common Core" Training Resident Prerequisite

Functional Training; Unit Training Products

"Lifelong" Learning Environment

- Basic Officer Leader Course 10-19 Weeks
- Advanced officer leader course & Battle Captain course
- Intermediate level education (ile) functional area education (fae)
- Pre command course

Pre requisite distance learning throughout career

Structured self development distance learning

No DL for Initial Entry Training

Armor CCC
Air Defense CCC
Field Artillery CCC
Military Intelligence CCC
AMEDD CCC
Chemical CCC
Engineer CCC
Infantry CCC
Signal CCC
Aviation CCC
Combined Logistics CCC

Combined Arms & Services Staff School (RC & AC Pilots Currently Underway)

Existing: Combined & General Staff Officers Course

ILE Strategy: Common Core ILE Curriculum for Operations, Operations Support, Info Operations & Inst

The USAWC has developed and offers The Defense Strategy Course as a DL product

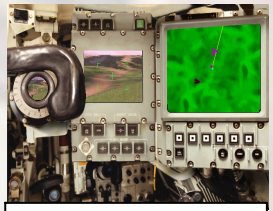
Combat Training Center-Distance Learning Initiative

DA policy on Distance Learning released in early December 2000:

- **Policy letter directs that soldiers will train via DL whenever practicable.**
- **Conducted during the soldier's normal duty day.**
- **Commanders exempt soldiers from all other duties.**

DI successes

Armor CCC via the Internet. Cutting edge technology & Internet usage.



Spearhead 2 simulation game already being used with Armor CCC, Delta Force Land Warrior being looked at by Infantry School.

Battle Staff NCO Course via VTT to Bosnia, Sinai, Kosovo, Germany.

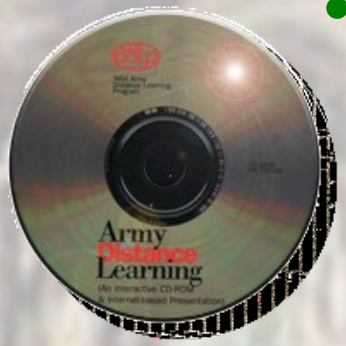
EO/POSH Training to soldiers worldwide using CD ROM in classrooms, work & home.

Execution of the Plan to Date

✓ Reg's are in place

✓ Interim LMS is in place

- ***Courseware:***
- **40 Courses finished**
  - **92 DL modules currently on ATRRS**
  - **103 Program courses funded**
  - **11 Completed unit DL products**



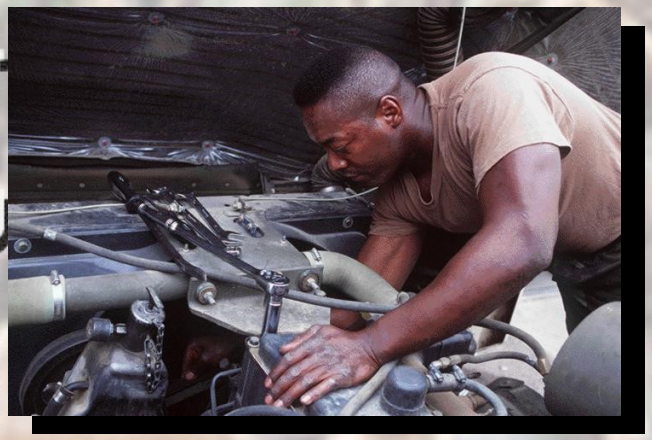
Need to Place Training Requirements in ATRRS Through TRAP Process to Flow Students

Execution of the Plan to Date

- ***Digital Training Facilities:***
  - **381 DTFs scheduled through FY06**
    - **175 DTFs fully operational**
  - **241 DTTP DTFs fully operational**

TADLP & RC MOSQ

- **TADLP allows soldiers to attend MOSQ courses within 50 miles of their home station thus eliminating the primary reason for RC "no-shows": having to leave home for extended periods.**
- **Most of the courses being redesigned for DL under the TADLP program are MOSQ courses for Skill Level 1,3 & 4!**
- **Provides easy access to much needed training seats for RC soldiers.**
- **1 standard for courseware (AC/RC)!**



Congress is currently reviewing legislation that would compensate RC soldiers for time spent in DL courses

TADLP Training Benefits

The Army Distance Learning Program

The Army Training System-Courses (TATS-C)

A. Student/ Instructor together
B. Student goes to school
C. Different AC/RC versions
D. Synchronous Instruction
E. Minimum student # or course "non-conduct"
F. Learn at instructor speed
G. Paper based media

Training Today

Army Distance Learning

Significant Improvement to RC quality and time!!

RC Cannot Reap Benefits of DL Without Allocations Against 10-Level MOSQ DL Courses

DL

A. Student/ Instructor can be apart
B. School comes to student (at home)
C. One ARMY version delivered to soldier
D. Asynchronous Instruction
E. Field class size globally (resolve class "non-conducts)
F. Learn at Student speed

Training Tomorrow

G. Multimedia based

DL Courseware

Completed Courses

Number	MOS	Course Title	Proponent	ADRS
1.	2-17-C22	Armor CCC	AR	
2.	13P10	MLRS Fire Direction Specialist	FA	
3.	13P30	MLRS Fire Direction BNCOC	FA	
4.	13P40	MLRS Fire Direction ANCOC	FA	
5.	2-6-C32-131-A	Target Technician Warrant Officer	FA	
6.	96R10	Ground Surveillance Systems	MI	✓
7.	95B/C/D30	Military Police BNCOC	MP	✓
8.	63B30	Light Wheel Vehicle Mechanic	OD	
9.	BSC	Battle Staff NCO Course	USASMA	✓
10.	88M10	Motor Transport Operator (Reclass)	TC	
11.	22-44-C22	ADA CCC	ADA	
12.	22-44-C32	ADA WOAC	ADA	
13.	57E10	Laundry and Bath Specialist (Reclass)	QM	
14.	51B10	Carpentry Masonry Specialist (Reclass)	EN	
15.	91B40TR	AMEDD ANCOC	AMEDD	
16.	91B10	Medical Specialist (Reclass)	AMEDD	
17.	11C30	Indirect Fire Infantryman BNCOC	IN	
18.	11C40	Indirect Fire Infantryman ANCOC	IN	✓
19.	88M40	Motor Transport Operator ANCOC	TC	

The Army Distance Learning Program

Completed Courses

The Army Distance Learning Program

Number	MOS	Course Title	Proponent	ADRS
20.	18B40	Special Forces Weapons SGT ANCOC	JFKSWC	
21.	18C40	Special Forces Engineer SGT ANCOC	JFKSWC	
22.	18D40	Special Forces Medical SGT ANCOC	JFKSWC	
23.	18E40	Special Forces Communications SGT ANCOC	JFKSWC	
24.	31U30	Signal Support System Specialist BNCOC	SC	
25.	31U40	Signal Support System Specialist ANCOC	SC	
26.	14M10 (R)	Man Portable Air Defense System Crewman (Reclass)	ADA	✓
27.	95B/C10 (R)	Military Police (Reclass)	MP	
28.	13	Field Artillery CCC	FA	
29.	13R10 (R)	TATS Firefinder Radar Operator	FA	
30.	35	Military Intelligence CCC	MI	
31.	FS	First Sergeant Course	USASMA	
32.	60	AMEDD CCC	AMEDD	
33.	71G10	Patient Administration Specialist	AMEDD	
34.	76J10	Medical Supply Specialist	AMEDD	
35.	71D10	Legal Specialist	JAG	
36.	62E10 (R)	Heavy Construction Equipment Operator	EN	
37.	SGL	Small Group Instruction Training	TRADOC	
38.	77W10 (R)	Water Treatment Specialist (Reclass)	QM	
39.	57E/43M40	Laundry & Shower FAB Repair Specialist ANCOC	QM	
40.	250	Commo Sec Technical	SC	

Upcoming Course Releases

Number	MOS	Course Title	Proponent	ADRS
1.	93C10	Air Traffic Control Operator (Reclass)	AV	
2.	67T10	UH-60 Helicopter Repair (Reclass)	AVL	
3.	91CMF40	AMEDD ANCOC	AMEDD	✓
4.	71L10	Administrative Specialist (Reclass)	SSI	
5.	73C10	Finance Specialist (Reclass)	SSI	
6.	11CMF30/40	Indirect Fire Infantryman	IN	✓
7.	63B/S10	Light Wheel Vehicle Mechanic (Reclass)	OD	
8.	55B30	Ammunitions Specialist BNCOC	MM	
9.	88H10	Cargo Specialist (Reclass)	TC	✓
10.	88M30	Motor Transport Operator BNCOC	TC	
11.	ASI F5	Postal Operations	SSI	✓
12.	54B30	Chemical Operations Specialist BNCOC	CM	
13.	21	Engineer CCC	EN	
14.	11	Infantry CCC	IN	
15.	63T10 (R)	M2/3 Bradley Fighting Vehicle System Mechanic	OD	
16.	63T30	M2/3 Bradley Fighting Vehicle System Mechanic BNCOC	OD	
17.	35/63CMF40	Ordnance ANCOC	OD	
18.	55B10	Ammunition Specialist	MM	
19.	57E/43M30	Laundry & Shower FAB Repair Specialist BNCOC	QM	
20.	67CMF40	Common Aviation Management ANCOC	AV	

The Army Distance Learning Program

Upcoming Course Releases

Number	MOS	Course Title	Proponent	ADRS
21.	74	Chemical CCC	CM	✓
22.	54B10	Chemical Operations Specialist (Reclass)	CM	
23.	25	Signal CCC	SC	
24.	67CMF30	Common Aircraft Maintenance BNCOC	AVL	
25.	350	Military Intelligence WOAC	MI	
26.	37F10 (R)	Psychological Operations Specialist	JFKSWC	✓
27.	77F10	Petroleum Supply Specialist	QM	

Courseware Training Technology

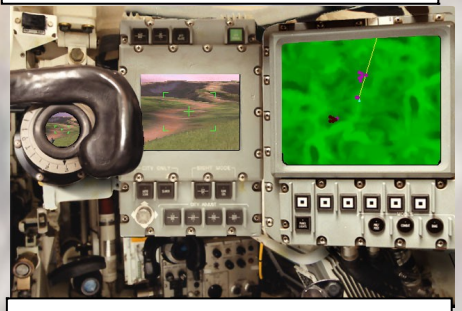
The Army Distance Learning Program

Use of VTT for deployed Soldiers. The equipment is modular and ready for transport.

Use of VTT in a Digital Training Facility with facilitator present. Soldiers can learn without leaving home station.

Use of DTF computers for CD ROM based EO/POSH training. Stand-alone, yet interactive, it draws the student in.

Use of Internet based courses, such as the Armor CCC, allow soldiers to train Anytime, Anyplace.



Use of simulations to sharpen skills, increase readiness and reduce training costs. Here an example of a COTS Armor simulation.

Courseware-Redesign Selection

- **Ensure the greatest readiness pay-off for the Army's combat and sustaining forces when committing resources for DL training product development.**
- **ATRRS is baseline document for selecting courses for redesign to DL.**
- **MACOMs, NGB, & USAR nominate courses for redesign to DL by 1OCT annually. (ADRS & MTSA have first priority)**
- **TPIO assembles consolidated course lists from MACOM nominations.**
- **TPIO assembles MACOM and proponent school information and establishes a priority alignment (1-N list).**
- **TPIO finalizes 1-N list, forwards it to appropriate training proponents for action, MACOMs, & posts it on DCST web page (now TADLP web page).**

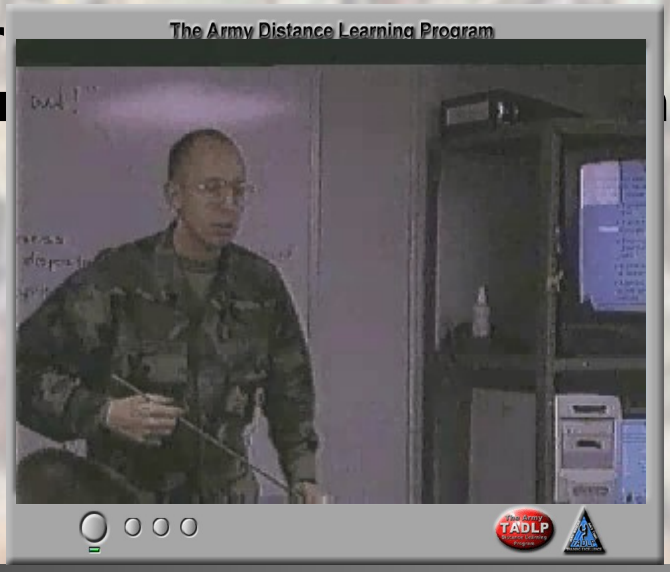
Programmed Course Conversion

CSA, "Double or Triple Courses Redesigned per Year." ***21 June 2001***

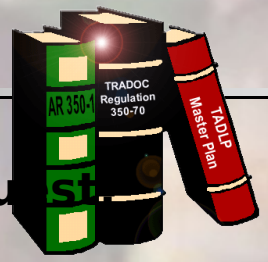
- **TADLP Master Plan Courseware Objectives:**
  - **FY 98-02 - Redesign 31 Courses Per Year**
  - **FY 03-10 - Redesign 47 Courses Per Year**

Armor Captain Career Course-RC

- Currently being run in a pilot status.
- The AC3-RC (DL) consists of 3 phases.
- Phase I is delivered via the Internet & is entirely asynchronous. This is the knowledge based *crawl* phase.
- Phase II is also delivered via the Internet but is synchronous. Students collaborate in a virtual TOC environment. This is the *walk* phase.
- Phase III is conducted during a 2 week ADT. Exercises are conducted at FT Knox in simulators & local training ar
- Or g conducted b



Armor Captain Career Course (AC³)
DL-RC



Army Research Institute (ARI) Study

- ARI conducts assessment of the AC³ at Armor School requ[illegible]st.
- Assessment targeted factors limiting student participation in the course to include RC policies, incentives, conflicting responsibilities, and attrition factors.
- "Both students and unit leaders responses were generally positive and described the course as an improvement over the previous paper-based correspondence course.
- Issues raised:
  - Awarding of retirement points for successful completion of each phase of training.
  - Develop policy for states to compensate students for time spent in synchronous training.
  - Restructure specific course material to separate long lessons into several shorter lessons.
  - Provide asynchronous study material on CD ROM as an alternative to online coursework and downloads.
- Students reported nearly 100% of course time was spent interacting with peers and instructor.

The Army Distance Learning Program

Field Artillery DL Courses

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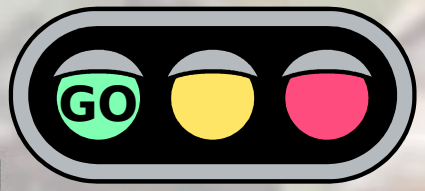

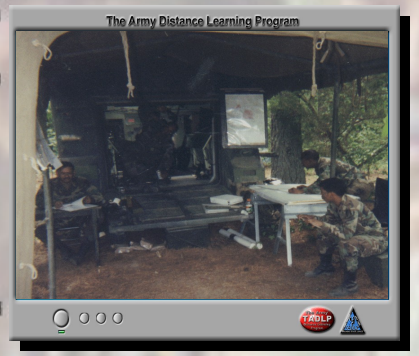

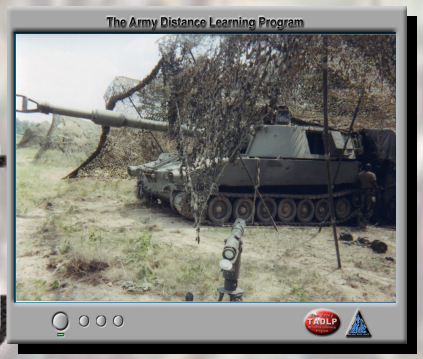

In FY97 Distance Learning Training for the USAFAS was Identified

FY00 Training Completed

NCOES		MOSQ	
13B30	190	13R10	19
13B40	175	13F10	168
13F30	188	82C10	12
13F40	25	93F10	26
		13C10	30
TOTAL	**578**		**255**

Training is presented from FT Sill using TADLP DTFs and CRXXI classrooms.

Training technology mix includes CBI, WWW based, VTT and audio based software for VTT backup.

First Sergeant Course (FSC)

Traditionally course was 5 weeks at FT Bliss

402 Soldiers Trained Using This DL Course Since JAN 99

Prepares selected Master Sergeants for duties as a unit First Sergeant

$600K Cost Avoided Per FY

2 Phase Course:

- **Phase I:** Currently paper based self- study with WEB testing (Internet delivery working)
- **Phase II:**
  - 15 Training Days
    - Ft Bliss - USASMA
    - Four RC TASS Sites
    - DL - VTT
      - Germany
      - Alaska (FY 01 Proposed)
      - Seven CONUS
      - Hawaii

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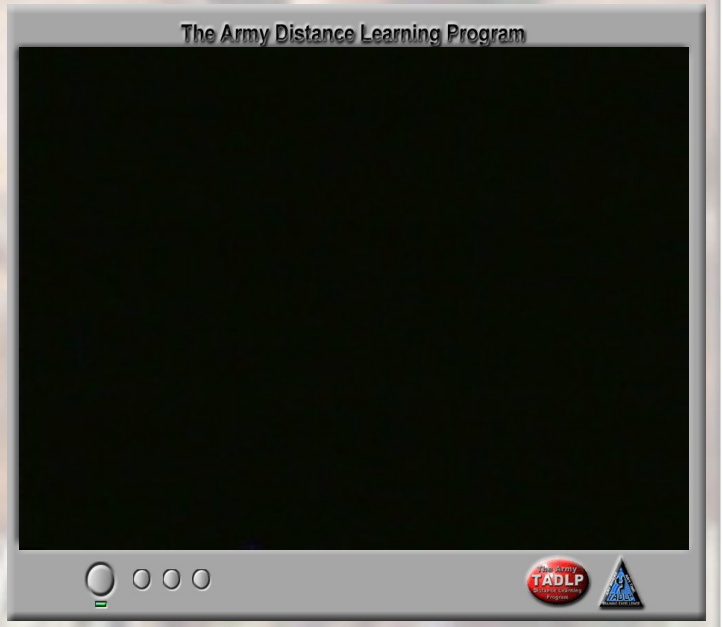
Battle Staff NCO Course

The Army Distance Learning Program

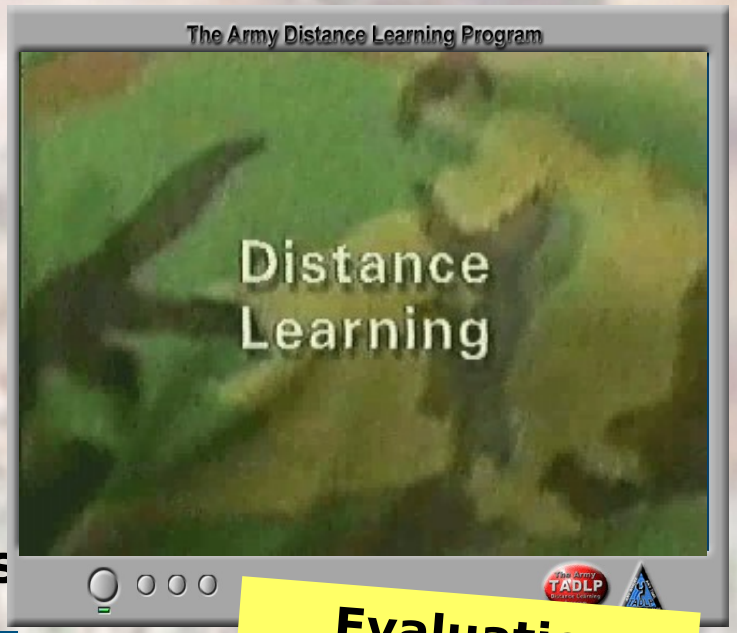
- This course cost $759K to develop & realizes an approximate cost avoidance of $2.9M a year.



- DL delivery of the BSNCOC began in
- Course is delivered in 2 phases.
- Phase I is 60 days of asynchronous paper based instruction at soldiers location.
- Phase II is conducted either in residence at FT Bliss or DL via VTT at remote locations.
  - BSNCOC has been successfully delivered to soldiers in CONUS.
  - BSNCOC has been delivered to soldiers deployed to Bosnia, Kosovo & Germany.
- Army Research Institute (ARI) study confirms Soldiers perform equal to resident course based on unit

MLRS Virtual Sand Table

- Software playable on PC's
- Scenario-based training / instructor sets conditions
- Intelligent tutor:
  - Student- / context- sensitive
  - Real-time diagnosis/ feedback
  - Student modeling
  - Detailed record
- Terrain data base w/ 3-D visuals for virtual ground recon



Training Applications:
Recon, Selection, & Occupation of Position
FACCC, OBC, ANCOC, BNCOC, WOAC + DL

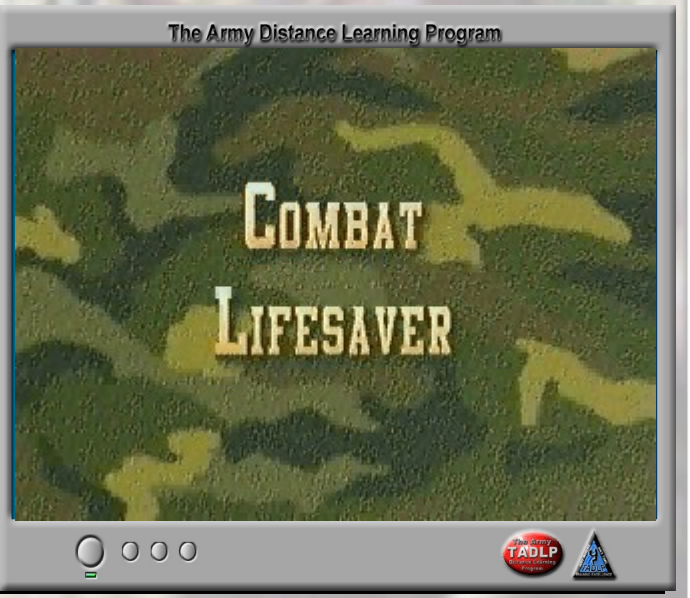
Evaluation
ARI study shows VST students out-perform students trained on conventional sand table

Combat Lifesaver Course

- **The Combat Lifesaver Course trains non-medical soldiers to provide emergency medical care as a secondary mission to his combat mission.**

- **Course is delivered in multiple formats:**
  - ***Correspondence*- The course is offered through the Army Correspondence Course Program (ACCP).**
  - ***Video Teletraining*- Primary site broadcasts instruction to one or more DL sites that meet course criteria.**
  - ***CD ROM*- AMEDD School & NGB developed an interactive CDROM to be used for sustainment or not replace ACCP or VTT course)**
  - ***Web Site*- Information on the course is available on the Internet. The web site provi on the pr**

Over 30,000 Combat Lifesaver CD ROMs Delivered for Training



The Army Distance Learning Program

Combined Arms And Services Staff School

Reserve Component CAS³ Pilot began OCT 00 with synchronous instruction at FT Leavenworth

- **Students participate primarily from their residences**
- **Pilot concludes with 2-week AT at Leavenworth 14-28 Jul 01**

Active Component CAS³ Pilot began 4 JAN 01- 15 FEB 01

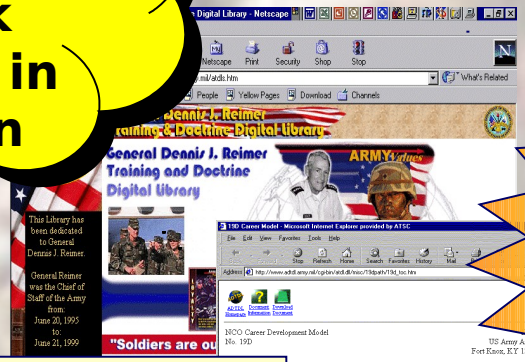
- **Instructor at FT Leavenworth; Students at 3 sites (Forts Lee, Knox and Leonard Wood)**

Implementation FY 03

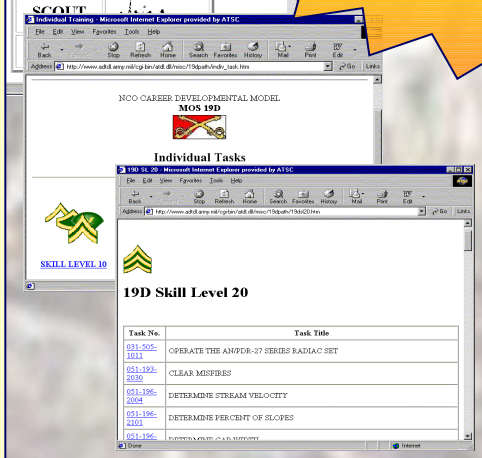
Reimer Digital Library

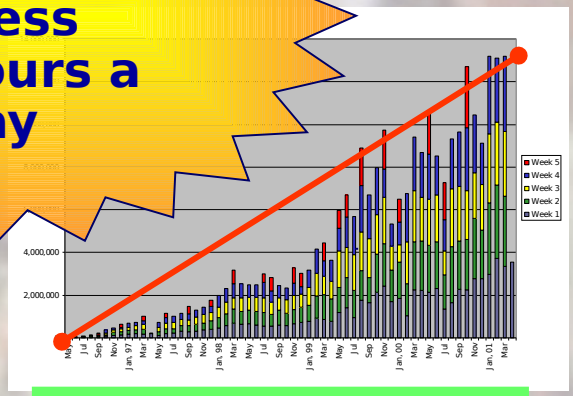
The Army Distance Learning Program

Warrior Knowledge Network Next Link in Evolution



Instant worldwide access 24 hours a day





- Field Manuals 461
- Correspond Courses 59
- TATS Courses 86
- Course Materials 8
- Common Core TSP 178
- Mission Tng Plans 180
- Soldier Tng Product 145
- Graphic Tng Aids 273
- Training Circulars 65
- Joint Publications 35
- USAF Pubs 115
- USMC Pubs 49
- Navy Pubs 30

19D Demo
11B Demo
Reimer Digital Library

From 4K Hits a Month in July '96 To 13M Hits a Month in April '01

DL Evaluation Findings

Armor Captains Career Course DL (AC3-DL):

Study conducted by ARI at Armor School compared students in AC3-DL to students in legacy "Armor Officer Advanced Course-RC" (correspondence course). 83% of students rated all phases of the course "High" or "Very High". 90% of student complaints have already been fixed.

Battle Staff NCO Course (BSNCOC)-DL:

Study conducted by ARI at the Sergeant's Major Academy compared students in BSNCOC-DL to students in legacy "BSNCOC" (resident course). End of course test scores were comparable. Each group performs equally well according to "on-the-job" supervisory ratings 6 to 16 months after training.

CAS³:

CGSC will sponsor a TRAC study of CAS³ which begins OCT 01 & will last two years. The study will assess effectiveness of delivery method, collaborative tools, learning management systems and courseware media.

The DL Online Course Catalogue

- **Direct Self-Development Access**
- **Distance Learning Website Access for Quota Managed Courses**
- **User Friendly**
- **Direct Interface with Learning Management System for course scheduling**

ATRRS Homepage - Microsoft Internet Explorer
ATRRS
Army Training Requirements and Resources System
06 April 2000 10:46:16 AM
ATRRS Internet Connection Software
ATRRS 2000 International Symposium Updates Click Here
How To Get Online
ATRRS Channels
TACITS Feedback Click Here

http://www.atrrs.army.mil/

The Army Distance Learning Program

Deployed Training

Deployable Training Campus

The Army Distance Learning Program

- Mission Readiness Training
- Professional Development Training
- Sustainment Training
- Exchange Lessons Learned
- Link Deployed

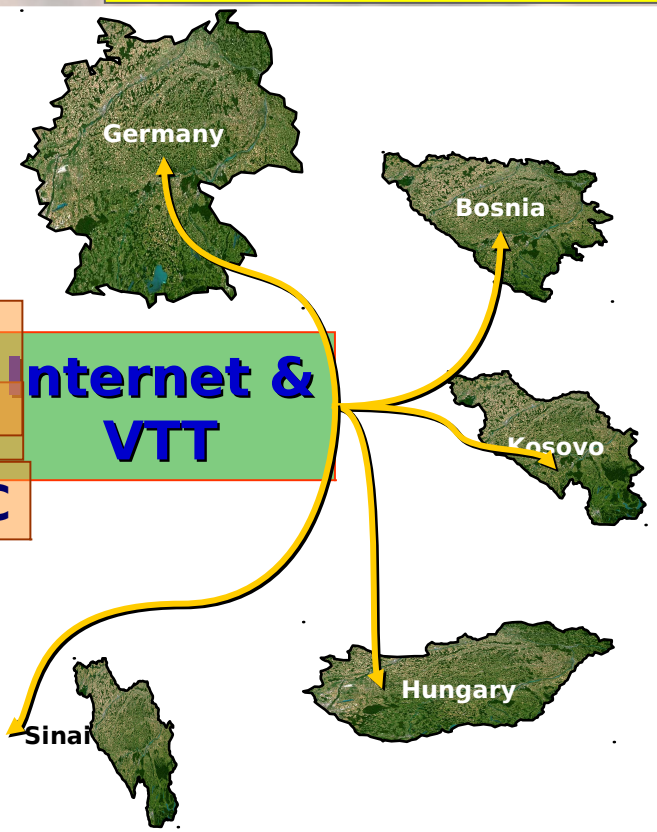
Linkable Sites:

- 187 TADLP & DTTP Sites
- 250 MEDCOM Sites
- 46 USAF Sites
- 40 Universities
- 30 Contractor Sites
- 2000+ Misc. Sites

HAZMAT
BNCOC
BSNCOC

Internet & VTT

Deployed Sites:

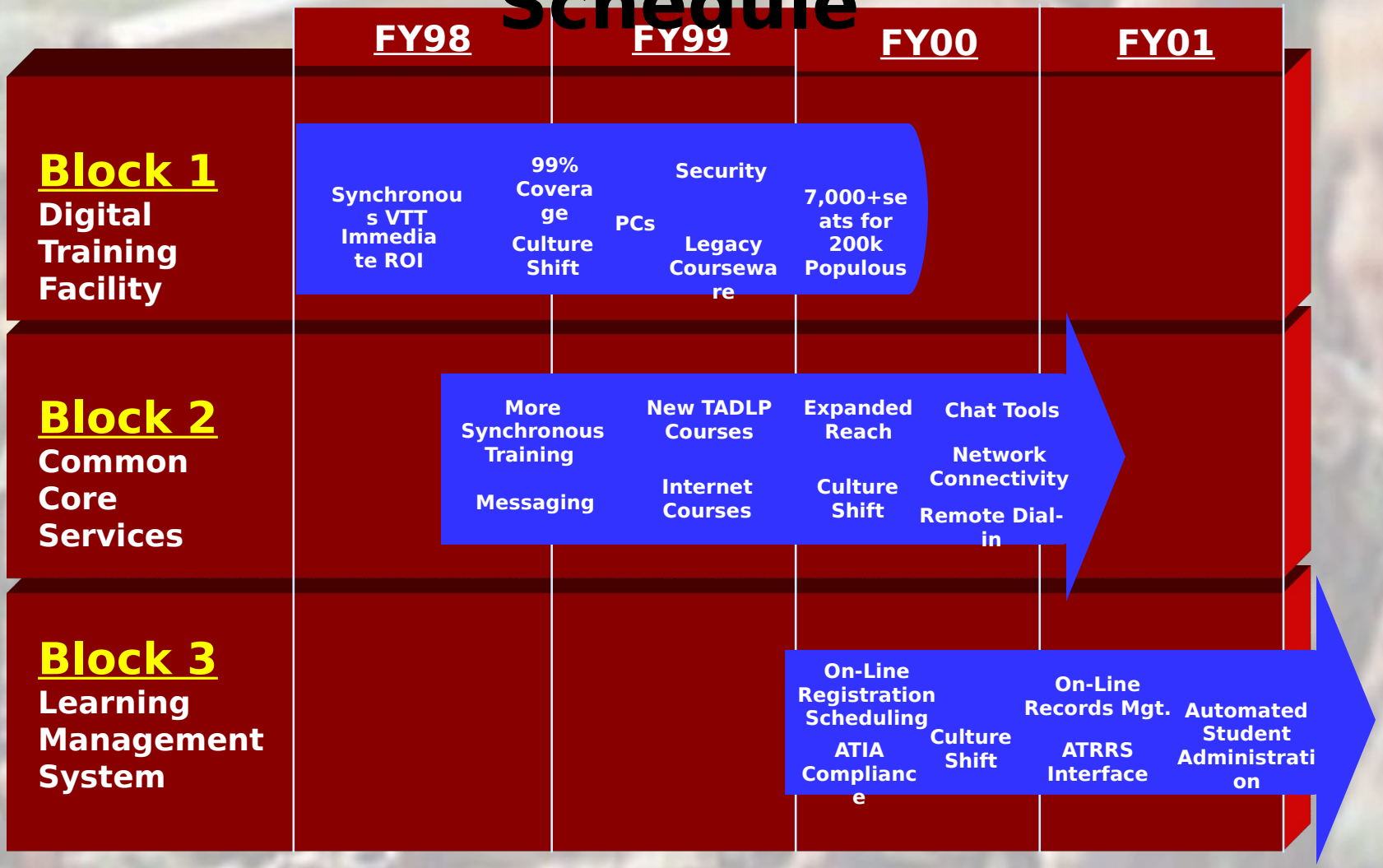


System Capabilities

- **Fully Deployable**
- **Two Person Installation**
- **Maintainable by One Pers**
- **Telecommunication Capability**:
  - 384 Kbps Video Teleconferencing
  - 256 Kbps Internet/Email Access
  - Eight (8) FXO/FXS Telephone Service
- **110/220 VAC 50/60 Hz Compatible**
- **Supports up to 16 Students**
- **Minimal Physical Footprint**
- **Dual 42” Plasma Displays**
- **Picture-in-Picture**

Digital Training Facilities

Block Upgrade Program Schedule



Overview of the Interim LMS

Components:

- **ATRRS - Registration, Enrollment, Record of Completion**
- **Current ACCP Program - Courseware Distribution**
- **TREDS-R Completion Data to ATRRS (from Ingenium or courseware)**
- **Ingenium- Student Tracking/Test Grading, Pass/Fail to TREDS-R**
- **Army Knowledge Online - Collaboration Tools**

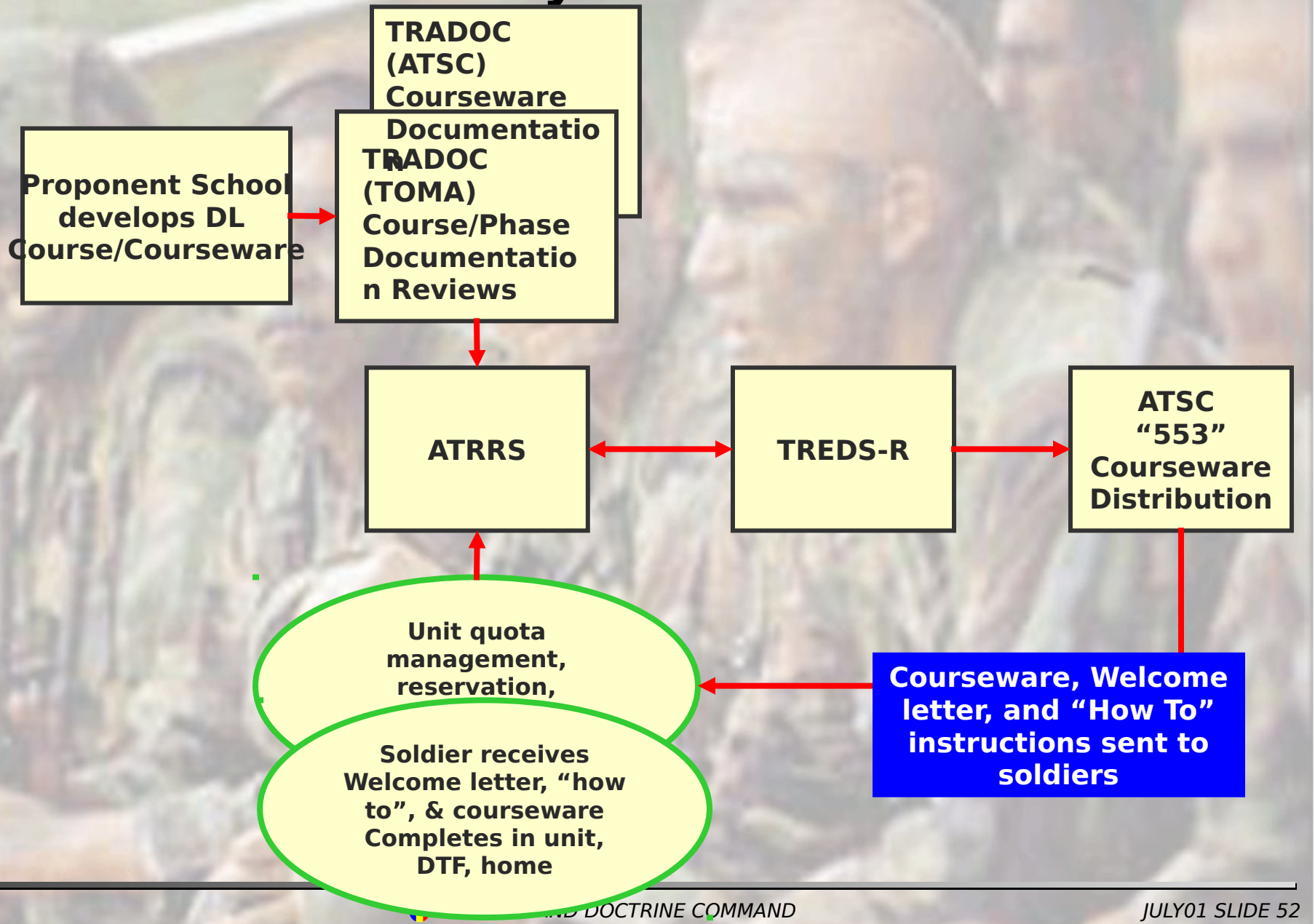
Overview of the Objective LMS

- **Education/Training Catalog (Integrated and/or linked)**
- **Registration, Enrollment Functions Integrated with ATRRS (primarily DL support)**
- **Student Tracking More Robust (for DL and IMI used in resident) (checkpoints and milestones, including time)**
- **Scheduling of necessary student and resources (DT Facilities, courseware, instructors) to time increments and schedule deconfliction**

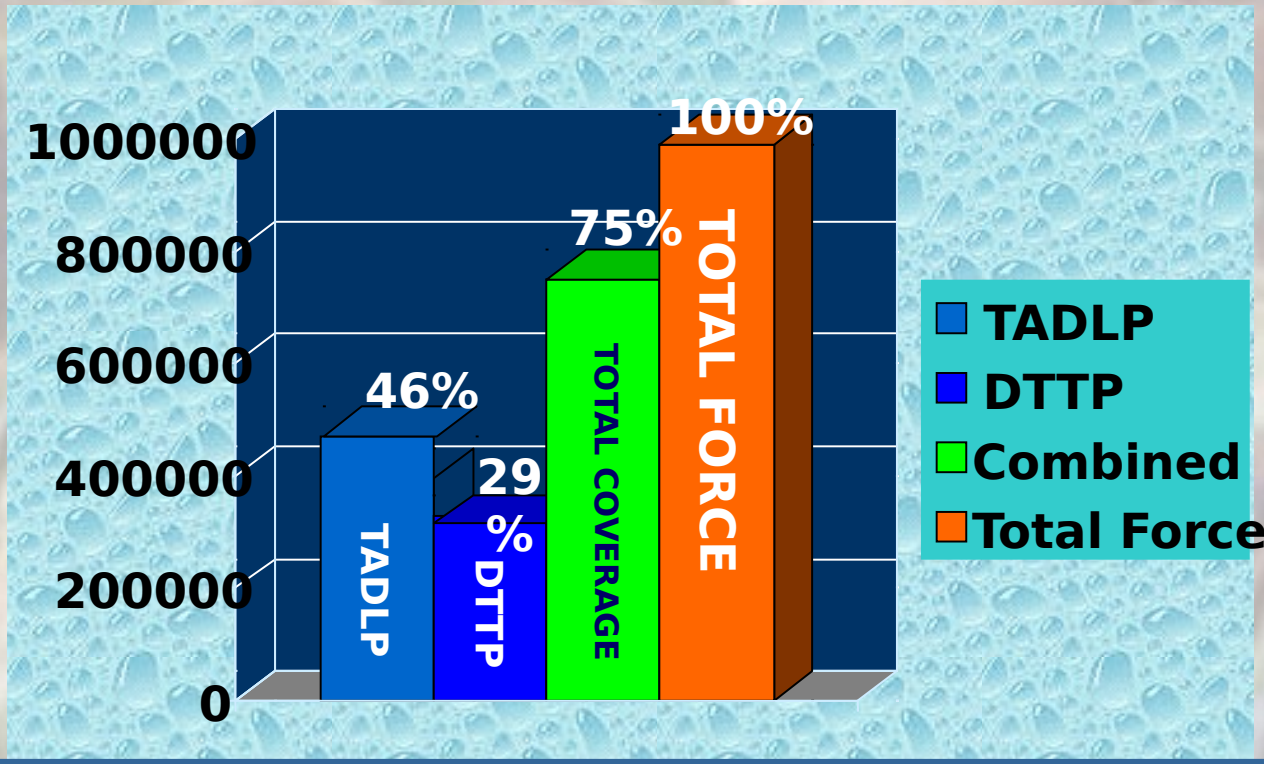
Overview of the Objective LMS, cont.'d

- Manage distribution of education/training prod
- Integrated student-instructor and student-stud communication and collaboration capability
- Collect/report evaluation feedback (student critiques, instructor/other feedback)
- Security Requirements Consistent with SBU

Interim Learning Management System


TRADOC (ATSC) Courseware Documentation
TRADOC (TOMA) Course/Phase Documentation Reviews
Proponent School develops DL Course/Courseware
ATRRS
TREDS-R
ATSC "553" Courseware Distribution
Unit quota management, reservation,
Soldier receives Welcome letter, "how to", & courseware Completes in unit, DTF, home
Courseware, Welcome letter, and "How To" instructions sent to soldiers

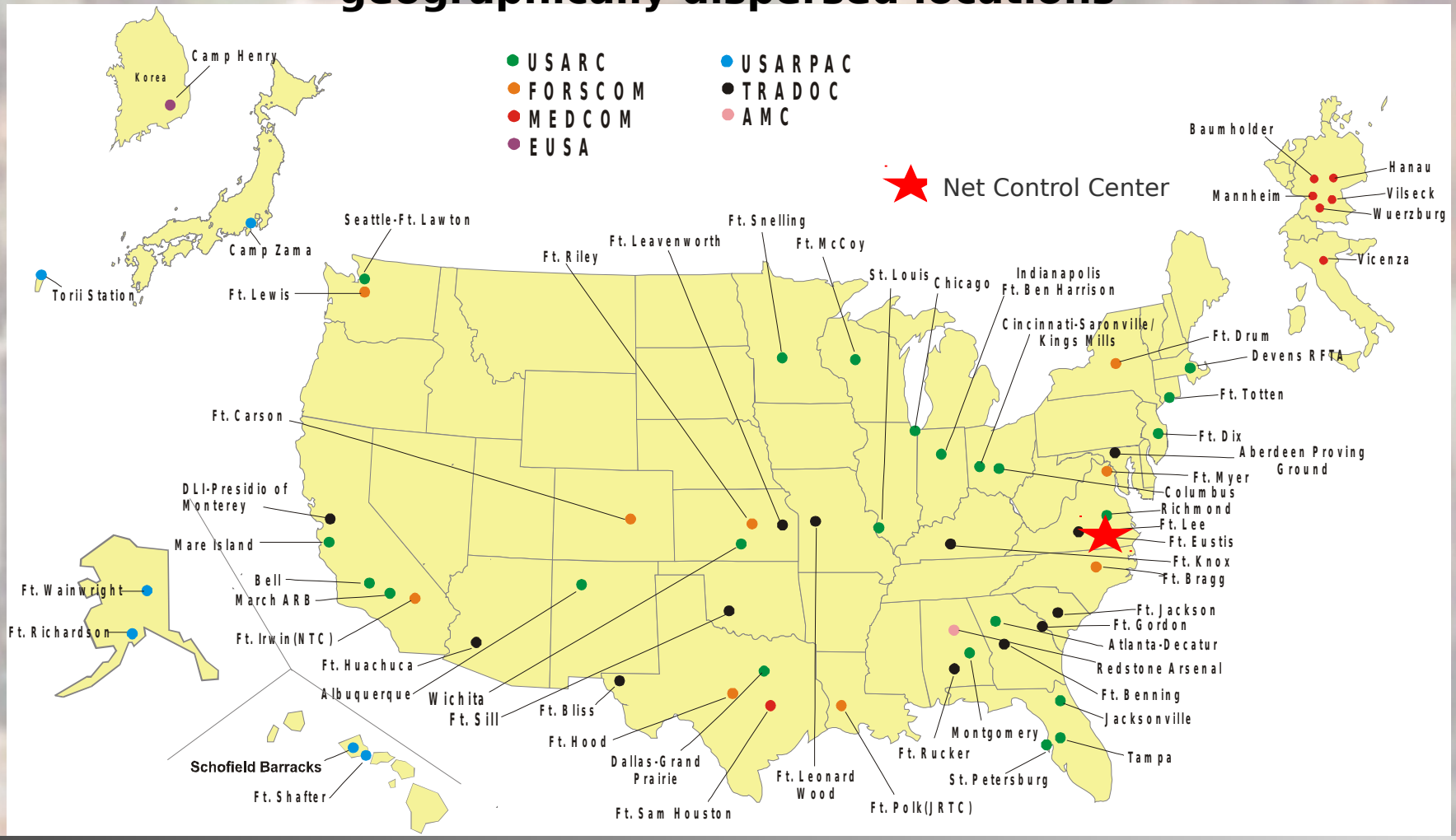
TADLP DTF Footprint on the Force



As of March 2001 the combined TADLP/DTTP programs have fielded 388 Digital Training Facilities. This quantity and the strategic locations of the DTFs fielded results in a 75% coverage of the Force in terms of accessibility to a DTF within 50 miles of home station.

DTF Locations Fielded

Facilitates the ability for Battalion Commanders/ Executive Officers/ CSMs to participate-collaborate synchronously at geographically dispersed locations



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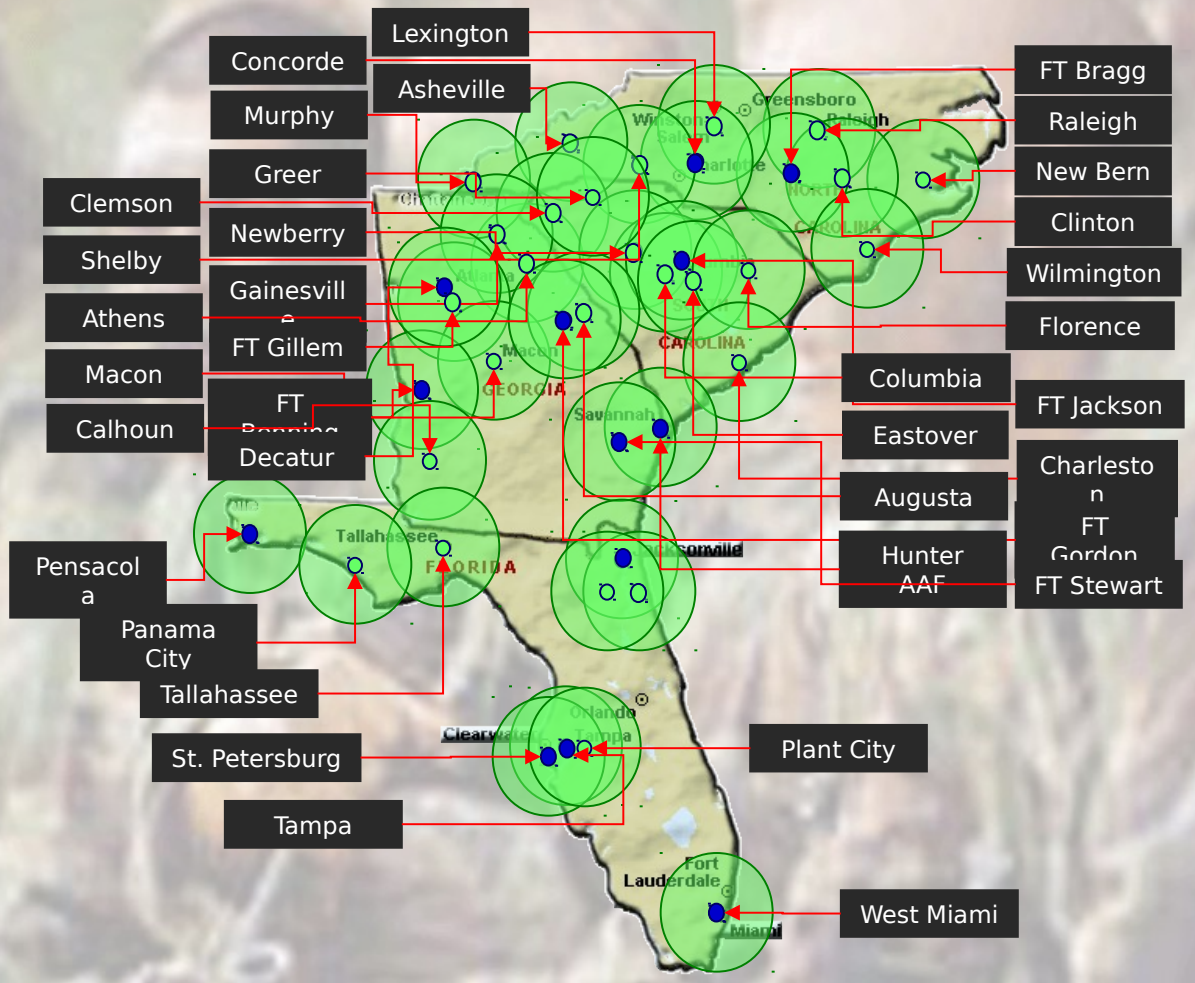
Region C Fielded DTF Locations

TADLP/DTTP Combined



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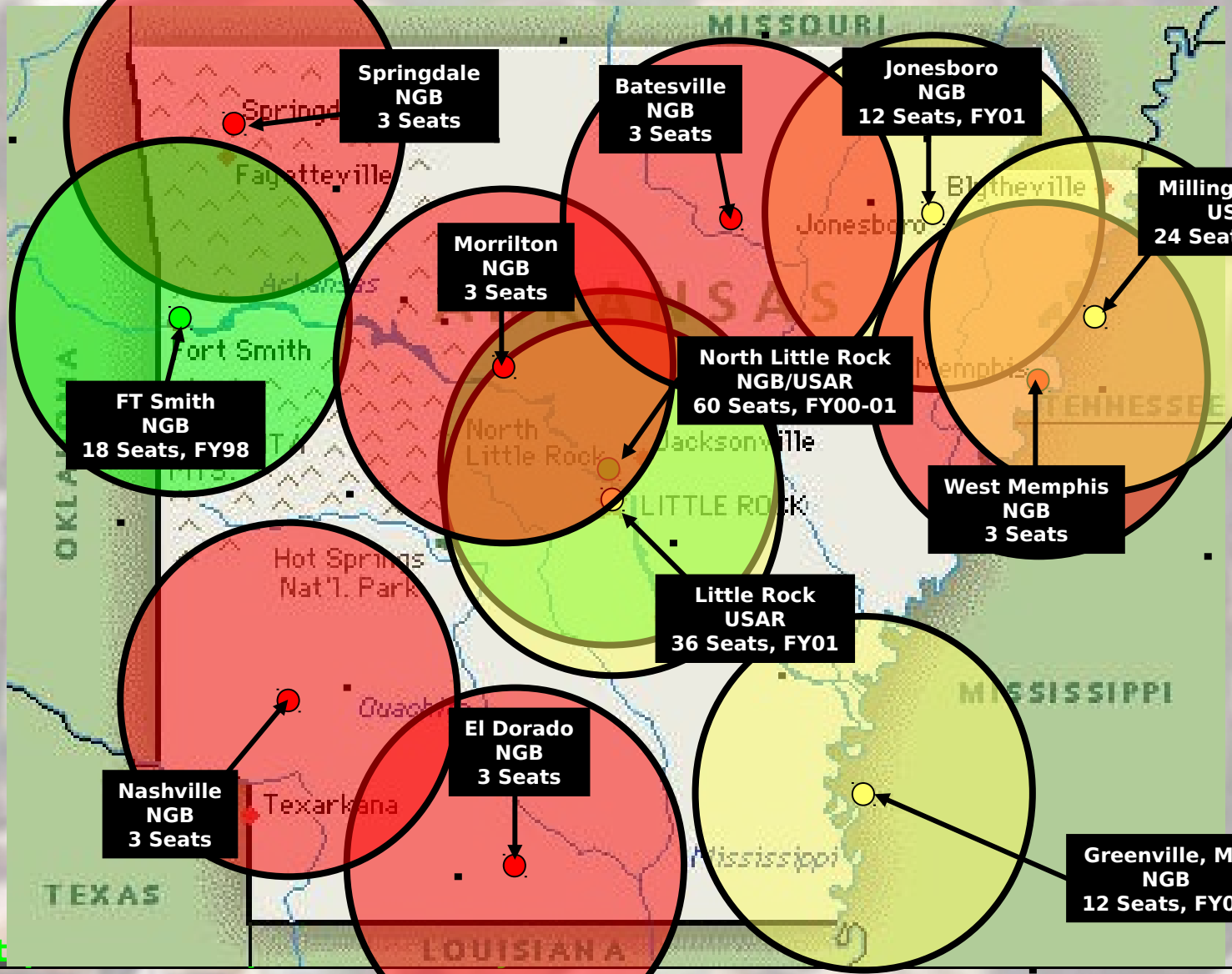
Arkansas' DTFs



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Digital Training Facility Layout

The Army Distance Learning Program

4.5Mbps Facilitates Near Real Time Streaming Video& Simulations

Video Tele-training (VTT) Equipment
- 2 35" TVs
- 30 Frames per second VTT
- Student Camera
- VCR
- Speakers
- Automatic Gate
- Microphone Mixer
- Pentium II 233MHZ CPU
- Wireless Mouse
- Infra-Red Keyboard
- T1 Line
  (384 KBPS/2 way Audio-Video)

12/16 Student Workstations
- Push to Talk Mics
- Office 97 Pro
- Modular Furniture
- Adjustable Chairs
- Win NT 4.0
- Internet Explorer
- Pentium II 400 Mhz.
- CD ROM Drives
- 64Meg Ram
- 10/100 Mbps Network card
- Stereo Headphones

Comm Rack (Private Network connection)
- 24 port 10/100 Switch
- 24 port Patch Panel
- Pentium III 500 Mhz Xeon NT Servers
- Router
- CSU/DSU
- UPS

Comm Rack (NIPRNET Connection)
- 24 port 10/100 Switch
- 24 port Patch Panel
- Pentium III 500 Mhz Xeon NT Servers
- Encryption and Encapsulation Device
- UPS

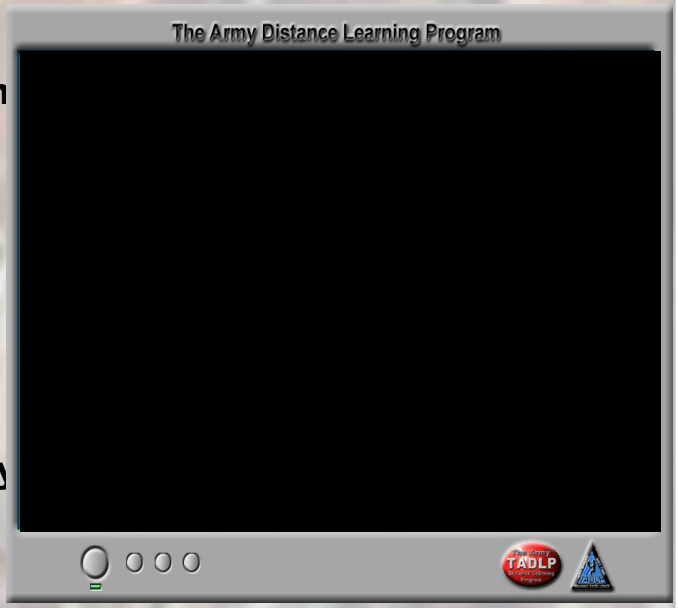
TADLP Viewer version 2 (15FEB01).exe

Summary

Benefits Summary

Leveraging Information Age Technologies in Training……

- Improved Readiness
- Continuous Training Environment Throughout Career
- Blurs Distinction Between Training and Operating Environment
- Facilitates Development and Distribution of Critical Train
- Reduces Time Soldiers Are Away From Unit/Home
- Training Efficiencies By Use Of Multimedia
- Significant Training Cost Savings
- Provides Standardized RC and AC Training
- Places FM's and Reference Materials at Users Fingertips
- Accessibility to Online Higher Education Courses
- Quicker & Wider Dissemination of Updated Training Materials
- More Realistic Simulations with Many More Real Life Play



The Army Distance Learning Program

DL Links & Points of Contact

DL Links

The Army Distance Learning Program (TADLP)- http://www.tadlp.monroe.a
TADLP PM- http://www.tadlp.army.mil/
OSD Advanced Distributed Learning- http://www.adlnet.org/
Army National Guard DL- http://www-ngb5.ngb.army.mil/tng/arngdl.htm
ATSC- http://www.atsc.army.mil/
Reimer Digital Library- http://www.adtdl.army.mil/atdls.htm
US Army Publishing Agency- http://www.usapa.army.mil/
Acronym Finder- http://www.acronymfinder.com/

DL POCs

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